

**MODIS Technical Team Meeting  
Operationalization of MODIS Data  
NOAA/NESDIS Report  
19 October 2000**

**NESDIS MODIS Bent Pipe/Server at NASA/GSFC**

**Possible causes for EDOS to NESDIS MODIS server data delivery problems per Sol Broder, MODAPS:**

- **EDOS communications problems. FTP implementation has known problems. Upgrade to FTP push capability in progress (~ 1 month). High probability.**
- **NESDIS MODIS server on "front-end" of first data transmission, data gaps not totally in EDOS' control (TRDSS and/or White Sands). Low probability.**
- **Initial data "push" from EDOS has data gaps, restored by EDOS to GDAAC, but only occasionally restored to NESDIS server. Unknown probability.**

## **NESDIS MODIS Server/Bent Pipe at NASA/GSFC**

**- continued -**

**Possible solutions to EDOS to NESDIS MODIS server data delivery problems per S. Broder, MODAPS:**

- **Major reason for missing granules in GDAAC is out of order data delivery. Software unable to process data stream. GDAAC has manual "patch" to re-order data and maintain processing, takes ~ 20 minutes.**
- **L1 software at GDAAC needs fix to improve ability to process last 2% of granules. Fix expected to allow GDAAC to be at 100%.**
- **NESDIS MODIS server granule processing chart will be provided to S. Broder on regular basis to monitor data delivery and processing.**

### **Conclusion**

- **EDOS to NESDIS MODIS server data delivery problems under continuing investigation by Sol Broder. Initial solutions identified based on discussions among S. Broder, E. Masouka (MODAPS), E. McDonald (GDAAC), J. Sholes, G. Legg (NESDIS) and his team, R. Luczak, P. Haggerty, and K. Sprietzer.**

# **Use of MODIS Products in NOAA**

## **Status**

- **Mid-November installation of interim 10 Mbps data line between NASA/GSFC and NOAA/FB4 on track.**
- **Procedures for evaluation and use of ‘retrospective’ and near realtime MODIS snow and ice products by NESDIS operational meteorologists under development per 13 October release of snow products at NSIDC.**
- **Arrangements made to provide web site links**
  - ▶ **to NESDIS operational and research snow map home pages on MODIS Snow/Ice Global Mapping Project Website; and**
  - ▶ **to MODIS Snow/Ice Global Mapping Project Website and NSIDC DAAC on both NESDIS operational and research snow map home pages.**
- **Arrangements being made for delivery of NESDIS produced near realtime MODIS snow and ice products to NSIDC DAAC and National Ice Center.**